AMENDMENT OF SOLICIT	ATION/MODIFIC	CATION OF CONTRACT		1. CONTRACT	ID CODE	PAGE OF	F PAGES 2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.			5. PROJECT	NO.(If applic	
0002	31-Aug-2004	W81C8X-4141-9449					
6. ISSUED BY CODE	W912P9	7. ADMINISTERED BY (If other than item 6))	COI	DE		
CONTRACTING DIVISION USARMY ENGR DIST ST LOUIS 1222 SPRUCE ST RM 4.207 ST LOUIS MO 63103-2833		See Item 6					
8. NAME AND ADDRESS OF CONTRACTOR	(No., Street, County,	State and Zip Code)	χ	9A. AMENDM W912P9-04-R-	ENT OF SO 0706	OLICITAT	ION NO.
			x s	9B. DATED (S 04-Aug-2004			
			1	10A. MOD. OF	CONTRAC	CT/ORDER	NO.
0000	T		1	10B. DATED	(SEE ITEM	I 13)	
CODE	FACILITY COL	DE	CITA	TIONS			
X The above numbered solicitation is amended as set for				Г	X is not exte	ended	
Offer must acknowledge receipt of this amendment p (a) By completing Items 8 and 15, and returning 1 or (c) By separate letter or telegram which includes a RECEIVED AT THE PLACE DESIGNATED FOR TREJECTION OF YOUR OFFER. If by virtue of this a provided each telegram or letter makes reference to ti	copies of the amendmen reference to the solicitatio CHE RECEIPT OF OFFERS unendment you desire to cha	nt; (b) By acknowledging receipt of this amendm n and amendment numbers. FAILURE OF YOU S PRIOR TO THE HOUR AND DATE SPECIF ange an offer already submitted, such change ma	nent on JR AC IED M y be m	n each copy of the or KNOWLEDGME IAY RESULT IN nade by telegram or	offer submitte NT TO BE	d;	
12. ACCOUNTING AND APPROPRIATION D	ATA (If required)						
13. THIS ITE	M APPLIES ONLY TO) MODIFICATIONS OF CONTRACTS	S/ORI	DERS.			
A. THIS CHANGE ORDER IS ISSUED PUR CONTRACT ORDER NO. IN ITEM 10A	SUANT TO: (Specify	T/ORDER NO. AS DESCRIBED IN IT y authority) THE CHANGES SET FOR			E MADE II	N THE	
B. THE ABOVE NUMBERED CONTRACT/ office, appropriation date, etc.) SET FOR	RTH IN ITEM 14, PUI	RSUANT TO THE AUTHORITY OF F			ch as chang	es in paying	g S
D. OTHER (Specify type of modification an	d authority)						
E. IMPORTANT: Contractor is not,	is required to sig	gn this document and return	copi	es to the issuin	g office.		
14. DESCRIPTION OF AMENDMENT/MODIF where feasible.) Specifications and drawings for: Tainter Gat (_				subject matt	ter	
Additional Information - The attached report Include the following reference drawings in t	DRAWINGS	aint testing which was not included in	Ame	ndment 0001 a	as stated.		
M-L24-58/1 UPSTREAM EMERGENCY BUI M-L24-58/9 TAINTER GATE BULKHEAD P	LKHEADS						
Except as provided herein, all terms and conditions of the control		19A or 10A, as heretofore changed, remains unc 16A. NAME AND TITLE OF CO				e or print)	
		TEL:		EMAIL:			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNE	D 16B. UNITED STATES OF AME	RICA	1	16	C. DATE S	IGNED
	_	BY			3	31-Aug-200)4
(Signature of person authorized to sign)		(Signature of Contracting Of	fficer	.)			-

ARDL, INC. Rt. 15E, Mt. Vernon Airport Industrial Park Mt. Vernon, Illinois 62864

Lab Report No: 008477

Report Date:

03/26/2004

Project Name: LOCK & DAM #24

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Analysis: Inorganics

Project No:

Field ID: S-001

1000

Sampling Loc'n: INTERIOR TAINTER GATE #1

Received: 03/12/2004

ARDL No: 008477-01

Sampling Date: 03/08/2004

Matrix: MISC_MATERIAL

Sampling Time:

Moisture: No Moisture Present

 Detection			Prep	Analysis	Prep	Analysis	Run	
Analyte	Limit	Result	Units	Method	Method	Date	Date	Number
 Cadmium	1	3.2	MG/KG	3050B	6010B	03/15/04	03/23/04	P3874
Chromium	5	3520	MG/KG	3050B	6010B	03/15/04	03/16/04	P3874
Lead	25	92900	MG/KG	3050B	6010B	03/15/04	03/16/04	P3874

ARDL, INC. Rt. 15E, Mt. Vernon Airport Industrial Park Mt. Vernon, Illinois 62864

Report Date: 03/26/2004 Lab Report No: 008477

Analysis: Inorganics Project Name: LOCK & DAM #24

Project No:

ARDL No: 008477-02 Field ID: S-002 Received: 03/12/2004

Sampling Loc'n: INTERIOR TAINTER GATE #1 Matrix: SEDIMENT Sampling Date: 03/08/2004

D G (1/2 D D	03/08/2004 1000			Moisture: 31.7				
Analyte	Detection Limit	Result	Units	Prep Method	Analysis Method	Prep Date	Analysis Date	Run Number
	3.7	4.1	MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Arsenic	1.5	115	MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Barium		ND	MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Boron	4.4	ND	MG/KG	3050B	6010B	03/15/04	03/16/04	23875
Cadmium	0.73	10.9	MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Chromium	0.73		MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Copper	1.5	10.6	MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Iron	7.3	11600	MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Lead	3.7	19.0		3050B	6010B	03/15/04	03/16/04	₽3875
Manganese	0.73	575	MG/KG		7470A	03/17/04	03/17/04	C1579
Mercury	0.12	ND	MG/KG	7470A	6010B	03/15/04	03/16/04	P387 5
Nickel	2.2	11.6	MG/KG	3050B		03/15/04	03/17/04	
Selenium	7.3	ND	mg/kg	3050B	6010B		03/16/04	P3875
Silver	0.73	ND	MG/KG	3050B	6010B	03/15/04	03/16/04	P3875
Zinc	0.73	48.8	MG/KG	305 0B	6010B	03/15/04	03/15/04	
Solids, Percen		68.3	*	NONE	160.3	NA	03/15/04	V310923.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 008477 Report Date: 03/26/2004

Project Name: LOCK & DAM #24

Project No.:		Analyt		Method: Method:			
Field ID:	S-002			ARDI	Lab No.:	008477-02	
Desc/Location:	INTERIOR TAINTER	GATE	#1		Filename:		
Comple Date.	03/08/2004			Rece	eived Date:	03/12/2004	

Analysis: CHLORINATED PESTICIDES & PCB'S

| Sample Date: 03/08/2004 | Received Date: 03/12/2004 | Sample Time: 1000 | Prep. Date: 03/19/2004 | Matrix: SEDIMENT | Analysis Date: 03/23/2004 | Amount Used: 30 q | Instrument ID:

	Method	Reportin	a a	Data	Dilution	
Parameter	Limit	Limit	Result	Flag	Units	Factor
alpha-BHC	0.688	2.49	ND	······································	UG/KG	1
beta-BHC	0.679	2.49	ND		UG/KG	1
delta-BHC	0.816	2.49	ND		UG/KG	1
gamma-BHC (Lindane)	0.707	2.49	ИD		UG/KG	1
Heptachlor	0.726	2.49	ND		UG/KG	1
Aldrin	0.795	2.49	ND		UG/KG	ı
Heptachlor Epoxide	0.744	2.49	ND		UG/KG	1
Endosulfan I	0.682	2.49	ND		UG/KG	1
Dieldrin	0.807	4.83	ND		UG/KG	1
p,p'-DDE	0.572	4.83	ND		UG/KG	1
Endrin	0.586	4.83	ND		UG/KG	1
Endosulfan II	0.622	4.83	ND		UG/KG	1
o,p'-DDD	0.675	4.83	ND		UG/KG	ı
Endosulfan Sulfate	0.574	4.83	ND		UG/KG	ı
p,p'-DDT	0.624	4.83	2.08	JP	UG/KG	1
Methoxychlor	0.608	4.83	ND		UG/KG	1
Endrin Aldehyde	0.786	4.83	ND		UG/KG	1
gamma-Chlordane	0.723	2.49	ND		UG/KG	1
alpha-Chlordane	0.637	2.49	ND		UG/KG	l
Toxaphene	11.9	48.3	ND		UG/KG	1
Aroclor 1016	11.9	48.3	ND		UG/KG	1
Aroclor 1221	29.6	98.1	ND		UG/KG	1
Aroclor 1232	15.2	48.3	ND		UG/KG	1
Aroclor 1242	7.98	48.3	ND		UG/KG	1
Aroclor 1248	15.7	48.3	ND		UG/KG	1
Aroclor 1254	15.7	48.3	ND		UG/KG	1
Aroclor 1260	6.63	48.3	ND		UG/KG	1
Endrin Ketone	0.542	4.83	ND		UG/KG	1
Chlordane	1.9	7.32	ND		UG/KG	1

ARDL, INC. Rt. 15E, Mt. Vernon Airport Industrial Park Mt. Vernon, Illinois 62864

Lab Report No: 008477 Report Date: 03/26/2004

Project Name: Project No.:	LOCK & DAM #24	Analytic	Analysis: :al Method:	CHLORINATI 8081A	ED PESTI	CIDES	& PCB'S
		_	ep Method:				
Field ID:	S-002		ARI	L Lab No.:	0084	77-02	(cont 'd)
Desc/Location:	INTERIOR TAINTER	GATE #1	. Lab	Filename:			
Sample Date:	03/08/2004		Rec	eived Date	: 03/1	2/2004	
Sample Time:	1000		Pre	p. Date:	03/1	9/2004	
Matrix:	SEDIMENT		Ana	lysis Date	03/2	3/2004	
Amount Used:	30 g		Ins	trument ID	;		
Final Volume:	l mL		QC	Batch:	B501	2	
% Moisture:	31.7		Lev	el:	LOW		
		Meth	od Report	ing	Data		Dilution
Parameter		Lim	nit Limi	t Result	Flag	Unit	s Factor

SURROGATE RECOVERIES:	Limits	Results	
Decachlorobiphenyl	51-107	778	
Tetrachloro-m-xylene	42-94	76%	i
i			

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC. Rt. 15E, Mt. Vernon Airport Industrial Park Mt. Vernon, Illinois 62864

Lab Report No: 008477 Report Date: 04/23/2004

Lab Report No:	008477	04/23/	2004						
Project Name:	LOCK & DAM #24		nalysis: PN		IOD 827	O, SIM)			
Project No.:		Analytical							
		Prep	Method: 35	50A					
Field ID:	S-002	,	ARDL I	ab No.:	0084	77-02			
Desc/Location:	INTERIOR TAINTED	R GATE #1	Lab Fi	lename:	E042	0405			
Sample Date:	03/08/2004		Receiv	ed Date:	•	2/2004			
Sample Time:	1000		Prep.	Date:	-	9/2004			
Matrix:	SEDIMENT			is Date:	* .	0/2004			
Amount Used:	30 g		Instru	ment ID:	AG5				
Final Volume:	l mL		QC Bat	ch:	B503	3			
% Moisture:	31.7		Level:		LOW				
		Method	Reporting		Data		Dilutio		
Parameter		Limit	Limit	Result	Flag	Units	Factor		
Naphthalene		2.9	14.6	ND		UG/KG	1		
Acenaphthylene		3.5	14.6	ND		UG/KG	1		
Acenaphthene		4	14.6	ND		UG/KG	1		
Fluorene		3.4	14.6	ND		UG/KG	1		
Phenanthrene		3.7	14.6	15.6		UG/KG	1		
Anthracene		2.9	14.6	ND		UG/KG	1		
Fluoranthene		3.8	14.6	45.7		UG/KG	1		
Pyrene		2.7	14.6	57.7		UG/KG	1		
Benzo (a) anthra	cene	2.9	14.6	37.0		UG/KG	1		
Chrysene		3.5	14.6	36.3		UG/KG	1		
Benzo (b) fluora	nthene	3.5	14.6	26.8		UG/KG	1		
Benzo(k) fluora	nthene	5.4	14.6	28.1		UG/KG	1		
Benzo (a) pyrene		3.3	14.6	23.9		UG/KG	1		
Indeno(1,2,3-c		3.4	14.6	17.2		UG/KG	1		
Dibenzo (a, h) an		3.2	14.6	ND		UG/KG	1		
Benzo(g,h,i)pe		3.5	14.6	16.6		UG/KG	1		
URROGATE RECOV	EDIES.	7.	imits		Re	sults			
SORROGATE RECOV 2-Fluorobipheny			0-115			48%			
itrobenzene-d5			3-120			40%			
TCTODENSENS-GD	tropenzene-do		·		91%				

Surrogate recoveries marked with '*' indicates they are outside standard limits.

18-137

Terphenyl-d14

91%